



#36e 5/17/99  
T.Gray

PATENT  
SCHERING 3.0-017 CIP CIP  
Schering Ref. LI0697K1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of :  
St. George-Hyslop et al. :  
  
Application No. 08/509,359 : Group Art Unit: 1645  
  
Filed: July 31, 1995 : Examiner: P. Duffy  
  
For: GENETIC SEQUENCES AND : Date: May 7, 1999  
PROTEINS RELATED TO :  
ALZHEIMER'S DISEASE :  
X

Assistant Commissioner for Patents  
Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Sir:

Prior to an action on the merits, please amend the above-captioned patent application as follows.

**IN THE SPECIFICATION:**

On page 16, lines 27-28 of the amended specification, replace "mutantE5-1" with --mutant E5-1--;

on page 41, line 3 of the amended specification, replace "tripet" with --triplet--;

on page 66, line 9 of the amended specification, immediately following "protein is", delete "a"; and

on page 84, line 28 of the amended specification, replace "Location mutation" with --Locating mutations--.

**IN THE CLAIMS:**

Please add the following new claims.

86. A substantially pure human E5-1 protein.

**EXPRESS MAIL LABEL NUMBER: EL096064455US**